

TECHNICAL DATA SHEET

GX 200

Premium Semi Synthetic Metal Working Coolant

DESCRIPTION

Callington GX200 is a biostable, semi synthetic metal working coolant, designed for the machining and grinding of **Cast iron**. It also can use for other Ferrous and Non Ferrous metals, commonly used in the automotive, electronics and aerospace industries. It has been formulated for use in soft water as well as hard waters, and exhibits low foam and excellent stability under a wide range of conditions.

APPLICATION

Callington GX200 is designed for use in most metal working applications including grinding, and its performance is particularly outstanding in cast iron machining, making it suitable for use in automotive, electronics and aerospace aluminium applications.

Callington GX200 is suitable for use with the latest technology high speed machining centres and can be **used on ferrous materials**, It is low foaming and ideal for high pressure, high volume coolant flow applications. It is equally suitable for use in large centralised coolant systems and for small individual coolant sumps.

BENEFITS

- Excellent corrosion protection, non-staining to ferrous materials, aluminium and its alloys.
- Excellent biostable properties, extend sump life.
- Excellent wetting properties, reducing “drag out” and product usage
- Exceptional product stability and long coolant life means lower process costs
- Low foaming characteristics even in modern high pressure machines.

RECOMMENDED DILUTIONS

Material	Cast Iron	High Si Aluminium	Low Alloy Steels	High Alloy Steels
Operation				
Grinding	3-5%	5-7%	4-6%	4-6%
Turning				
Drilling				
Milling				
Taping	5-7%	7 - 10%	6-10	6-10%
Reaming				
Broaching	7-10%	7 - 10%	7-10%	7-10%

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TYPICAL DATA (note: data is typical and does not constitute a specification).

Concentrate	Test Method	Typical Result
Appearance	Visual	Yellow-Amber Fluid
Density	DIN 51757/ASTM D1298	1.02
Emulsion		
Appearance	Visual	Clear-Semi Translucent
pH5%	DIN 51361/ASTM E70-97	9.0
Refractometer Factor		1.6

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